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TRENDS IN LAND USE AND CROP PRODUCTION
HUNTLEY IRRIGATION PROJECT, MONTANA
1912-44

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United States Department of Agriculture
Bureau of Agricultural Economics
Division of Land Economics
Lincoln, Nebraska
June 1946

TRENDS IN LAND USE AND CROP PRODUCTION
HUNTLEY IRRIGATION PROJECT, MONTANA
1912-44 1/

This report shows trends in land use and crop production on the Huntley Irrigation Project in Yellowstone County, Montana, from 1912 to 1944. No analysis is made of the reasons for the various trends shown. Data for this report are from the Annual Project Histories and Annual Reports of the Bureau of Reclamation. The data are based on the crop census taken every year.

Definition of Terms

The principal terms used in this report follow as closely as possible the current reporting terminology of the Bureau of Reclamation. These terms are defined as follows:

"Irrigable acreage" is that acreage for which the Bureau of Reclamation was prepared to supply water.

"Net area in cultivation" is all irrigable land from which crops were harvested, land in soil improvement crops, fallow or fall plowed land, and land irrigated for pasture. It sometimes includes cropland that was not irrigated during that crop year.

"Cereal grains" include barley, corn, oats, rye, wheat, sorghum for grain, and speltz.

"Hay and forage crops" include alfalfa hay, clover hay, corn fodder, pasture, sorghum, mangels, ensilage, and grain straw.

"Other crops" include seed, garden, truck and fruit.

1/ This report was prepared by Earl F. Hodges and Lawrence A. Reuss. Harry A. Schmitt, formerly with the Bureau of Agricultural Economics, assisted in the compilation of the data.

The study upon which this report is based was started in 1944 and was continued under a Memorandum of Agreement between the Bureau of Agricultural Economics, United States Department of Agriculture, and the Bureau of Reclamation, United States Department of Interior, effective November 1945.

"Gross value of crops" includes the value of forage, irrigated pasture, harvested crops, government and commercial payments.

Sugar beet tops and flax straw are included with the value of "Hay and forage".

Agricultural Conservation payments other than sugar beet payments are included in the value of "Other crops".

The value of sugar beets in a given year is the initial factory payment for that year plus Agricultural Conservation and factory bonus payments received for beets grown in the previous crop year. For this reason the gross value of beets and the price per ton do not accurately reflect the returns received for the crop produced in any given year.

It should be noted that crop yield data combine irrigated and nonirrigated crop yields. Sugar beets, alfalfa and similar crops having high water requirements are usually irrigated whereas in some years small grains may be grown without irrigation.

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FIGURE 1: NET AREA IN CULTIVATION
1910-1944
HUNTLEY IRRIGATION PROJECT

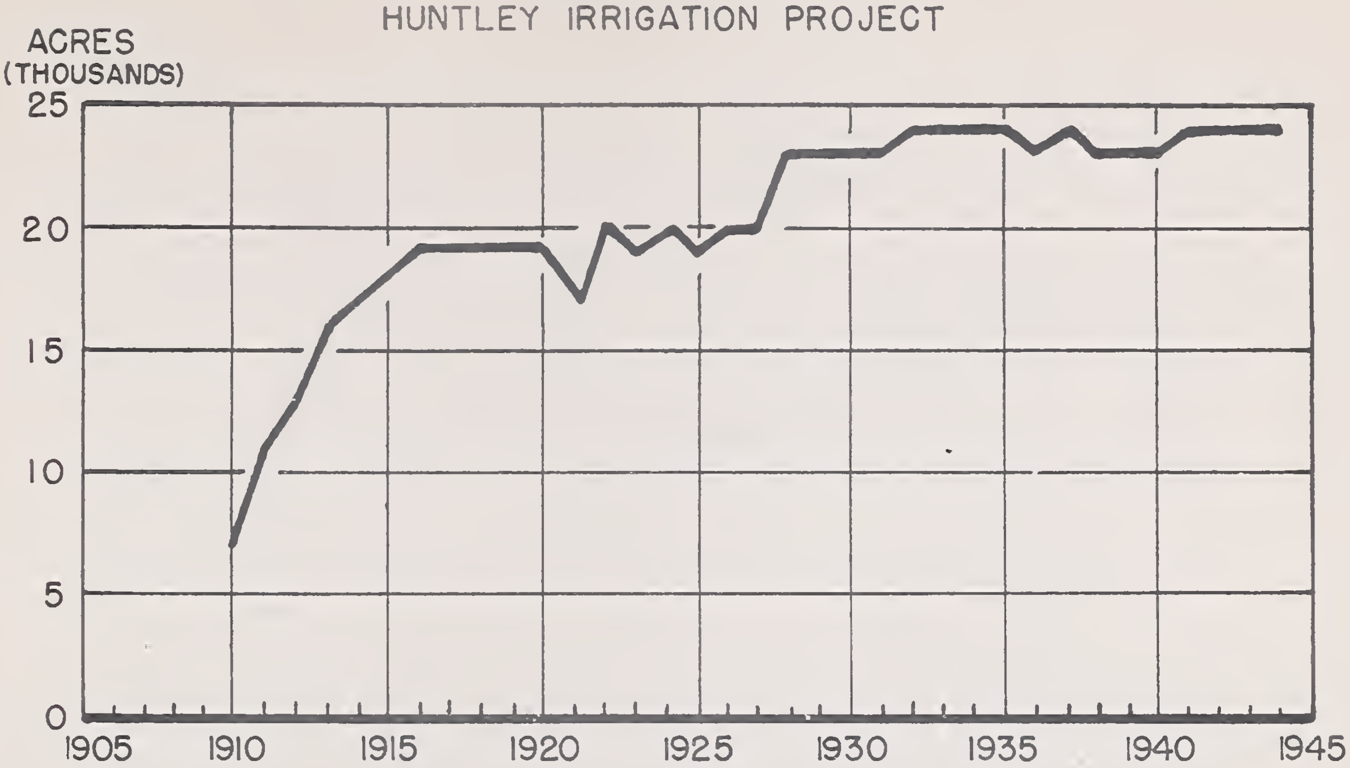
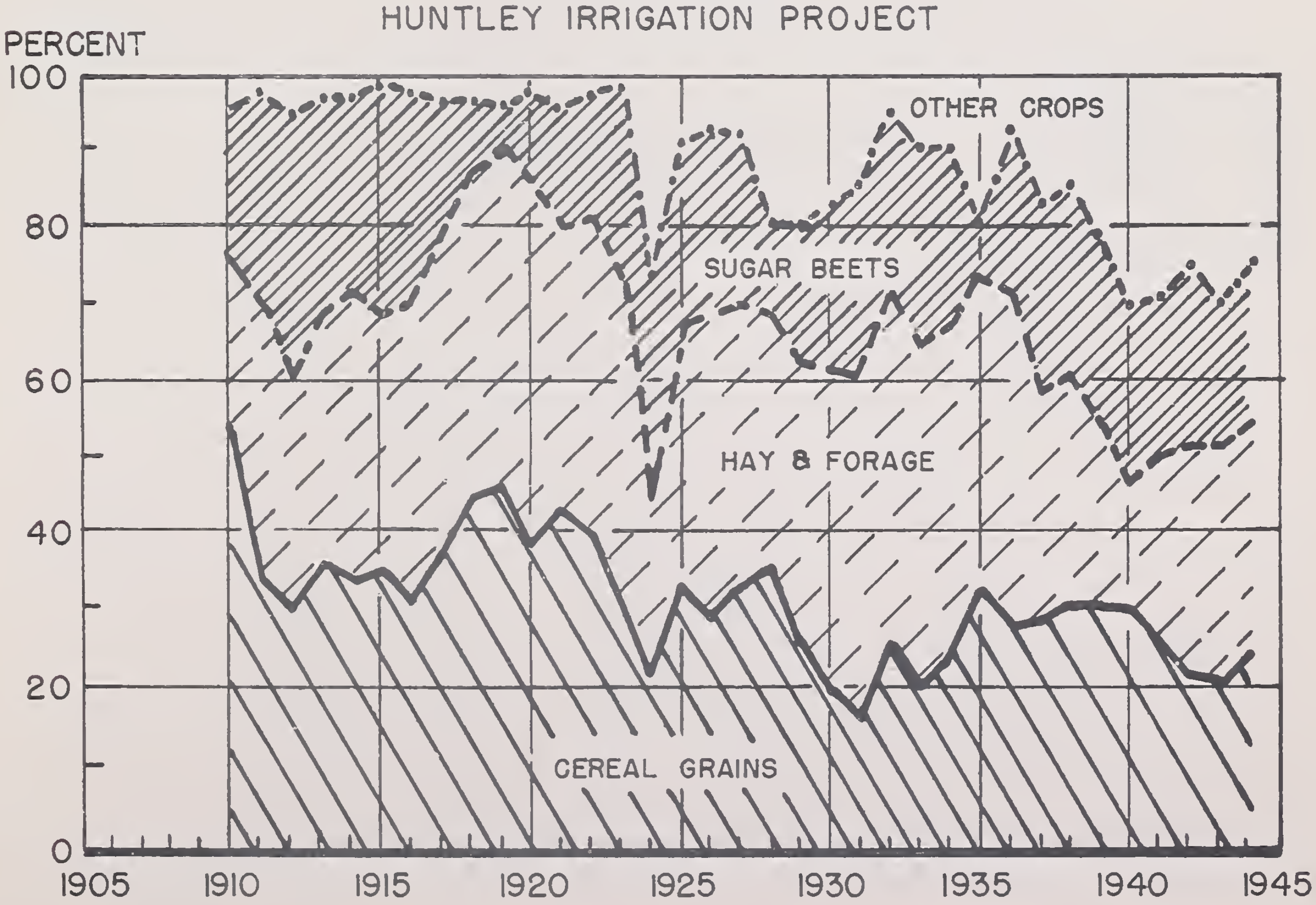


FIGURE 2: USE MADE OF THE NET AREA IN CULTIVATION
1910-1944
HUNTLEY IRRIGATION PROJECT



DATA FROM BUREAU OF RECLAMATION

FIGURE 3: IRRIGATED AND IRRIGABLE ACREAGE 1909-1944

HUNTLEY IRRIGATION PROJECT

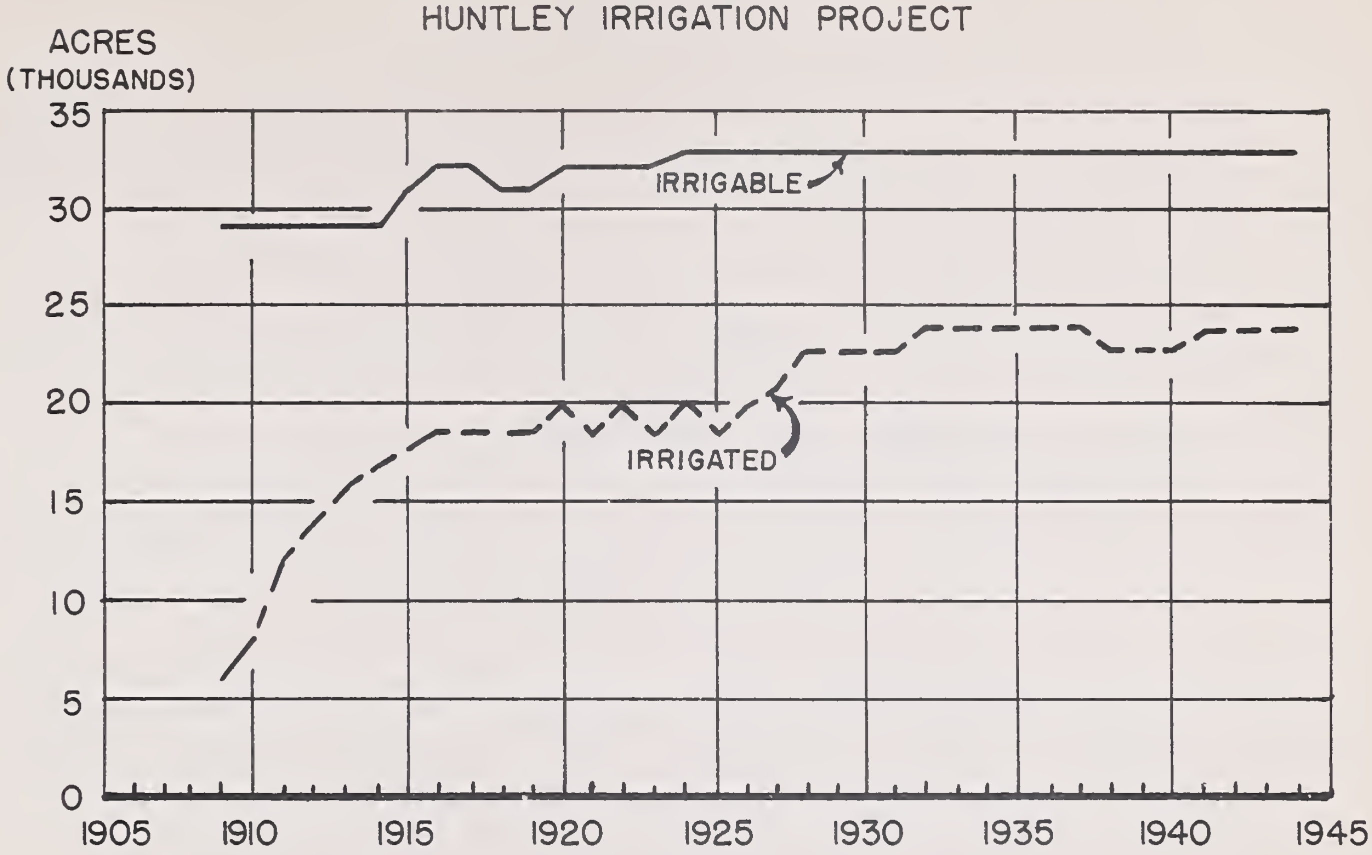
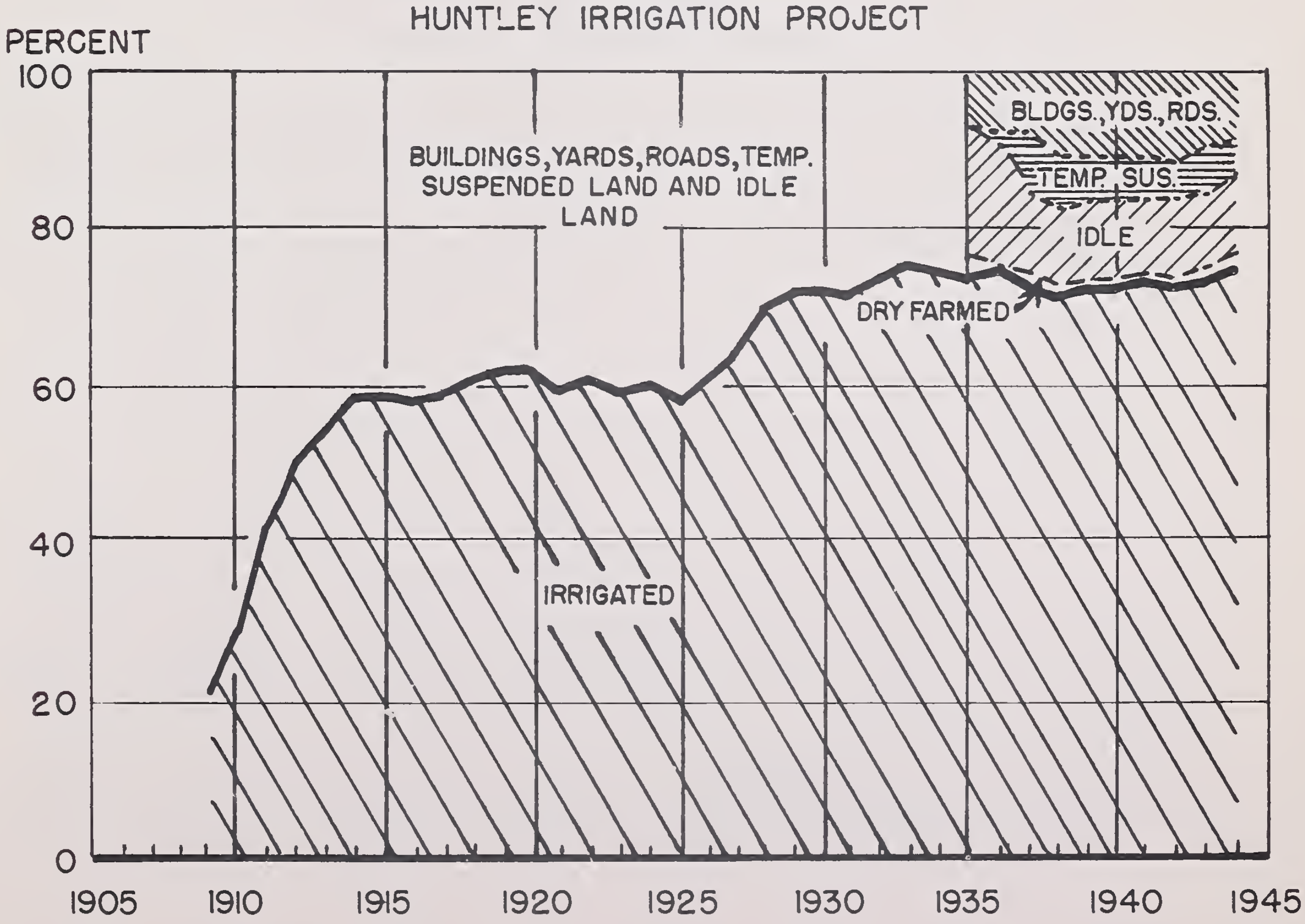


FIGURE 4: USE MADE OF THE IRRIGABLE ACREAGE 1909-1944

HUNTLEY IRRIGATION PROJECT



DATA FROM BUREAU OF RECLAMATION

FIGURE 5: GROSS VALUE OF CROPS
1910-1944
HUNTLEY IRRIGATION PROJECT

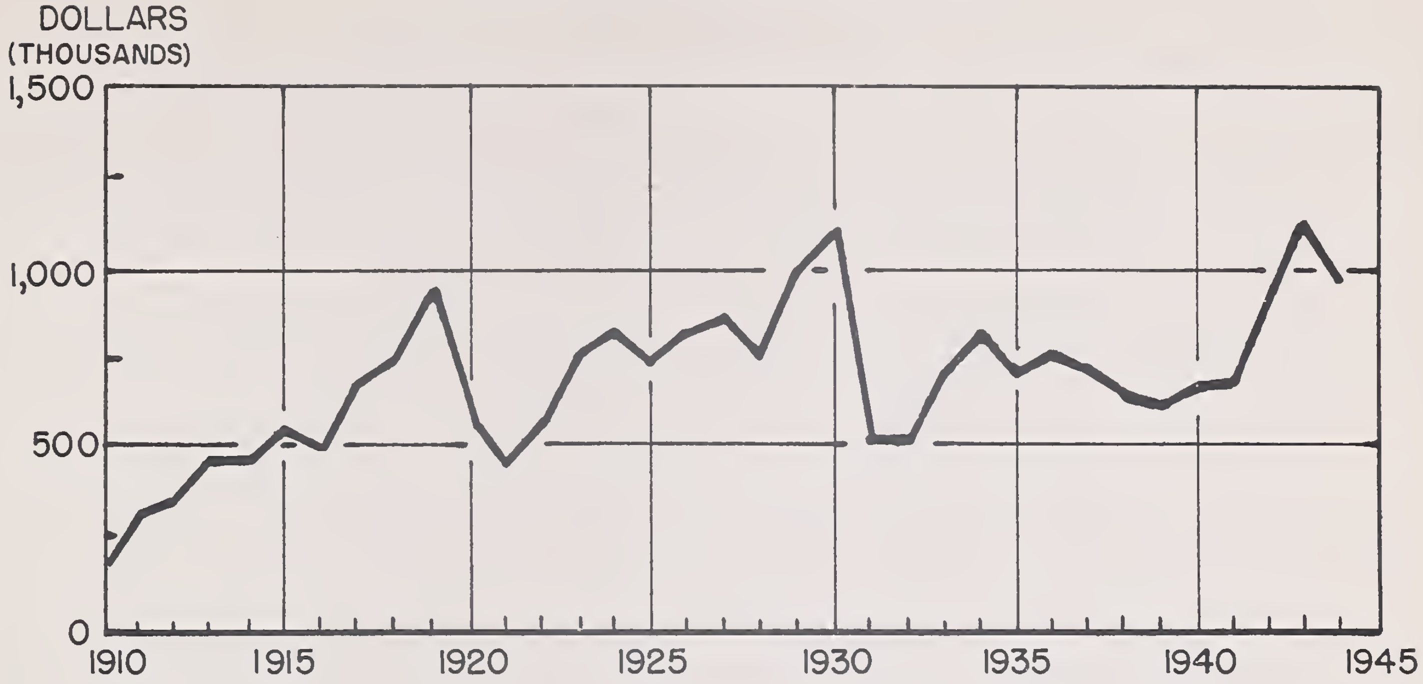
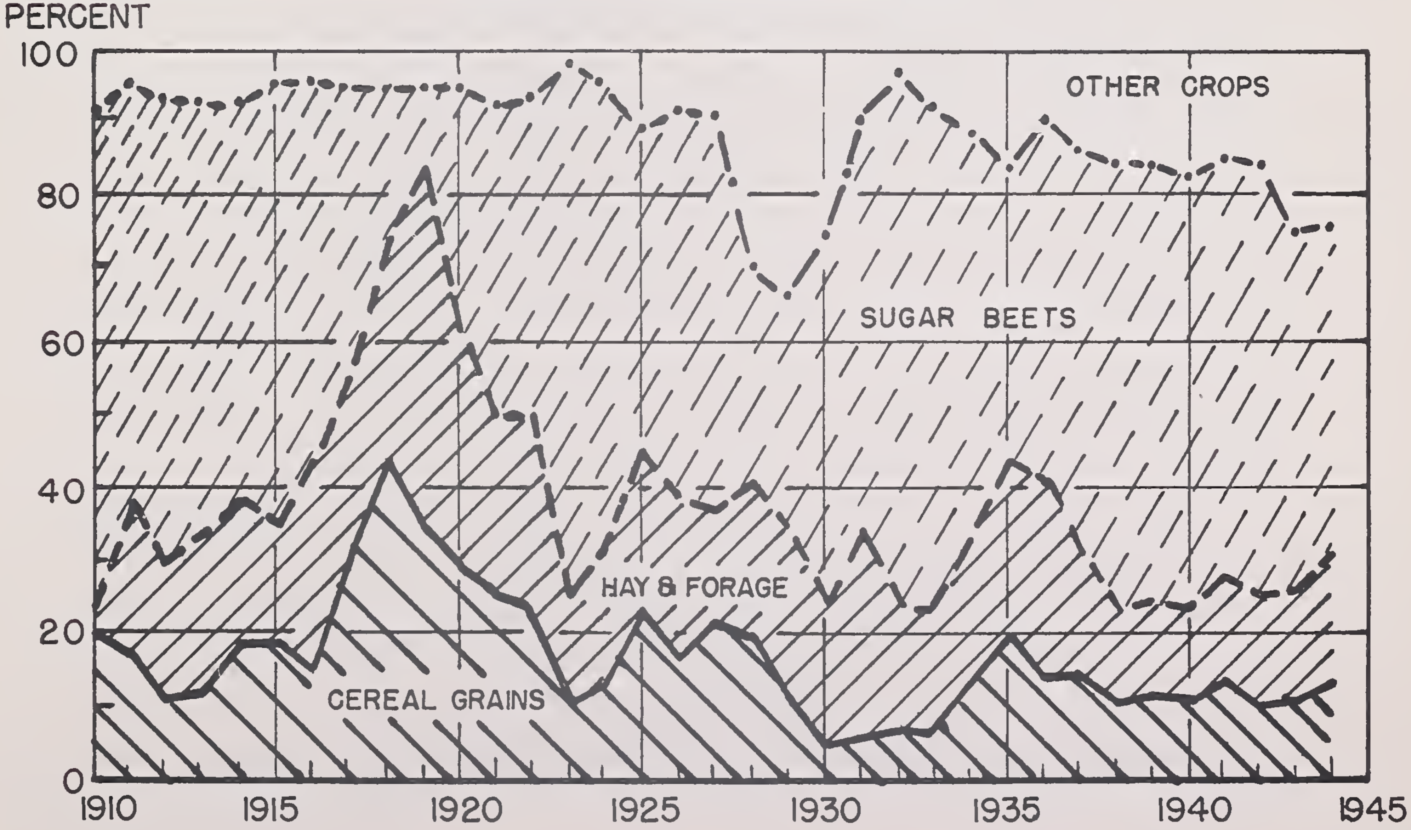


FIGURE 6: PERCENTAGE OF GROSS VALUE OF CROPS FROM GROUPS OF CROPS
1910-1944
HUNTLEY IRRIGATION PROJECT

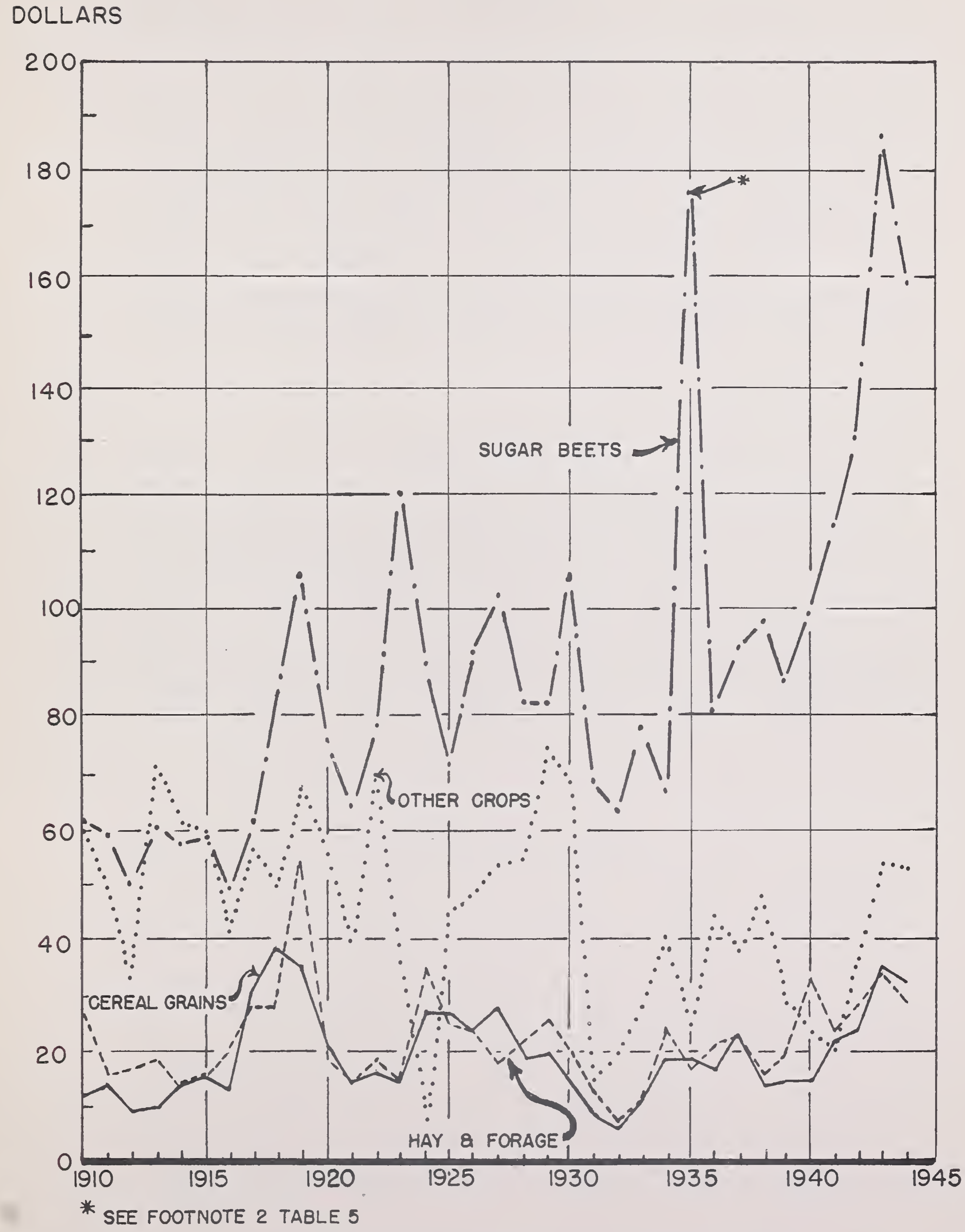


DATA FROM BUREAU OF RECLAMATION

FIGURE 7: GROSS VALUE PER ACRE OF CEREAL GRAIN, HAY AND FORAGE, SUGAR BEETS AND OTHER CROPS

1910-1944

HUNTLEY IRRIGATION PROJECT

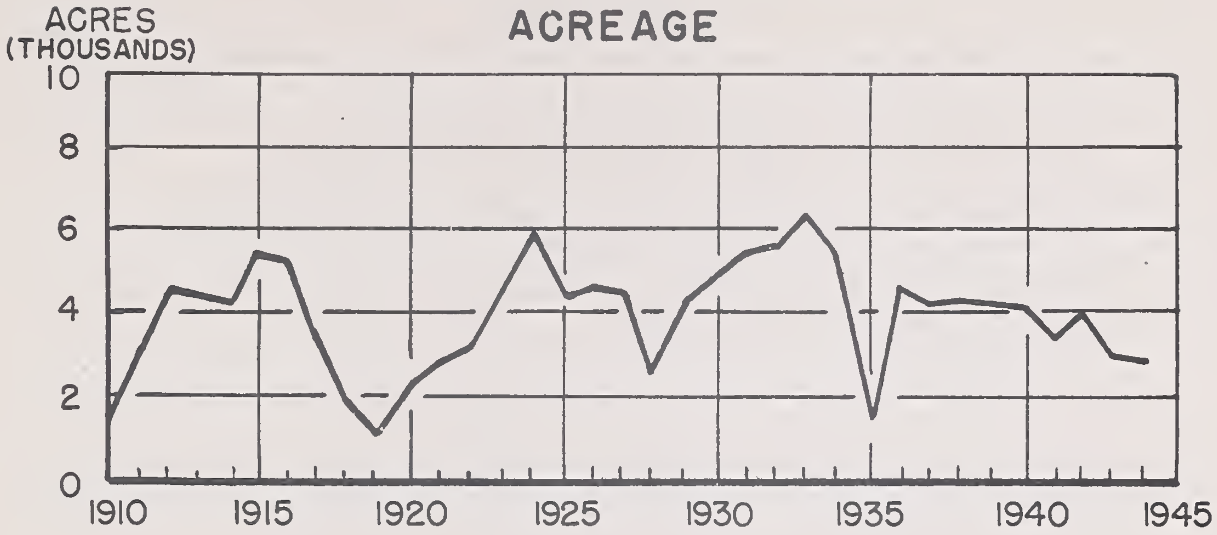


* SEE FOOTNOTE 2 TABLE 5

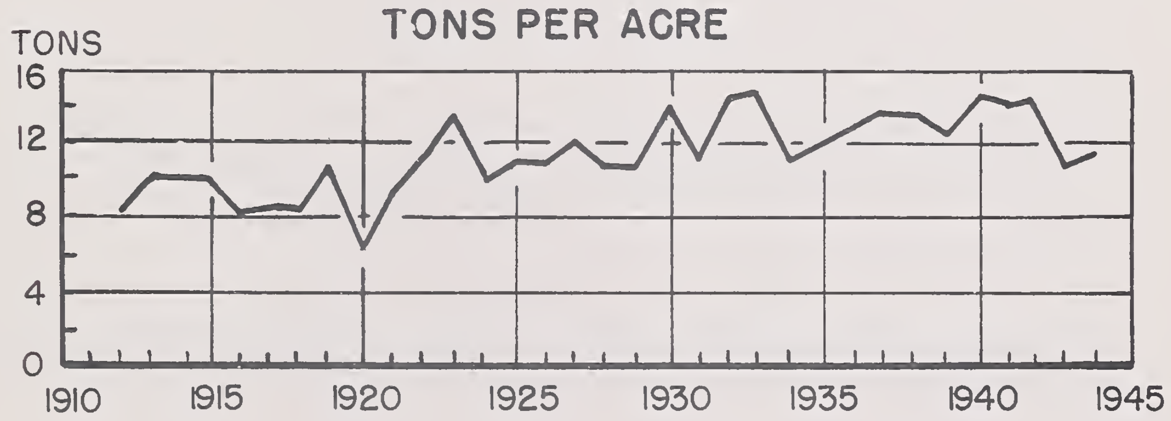
DATA FROM BUREAU OF RECLAMATION

FIGURE 8: SUGAR BEETS
ACREAGE, PRODUCTION AND VALUE
1910 – 1944
HUNTLEY IRRIGATION PROJECT

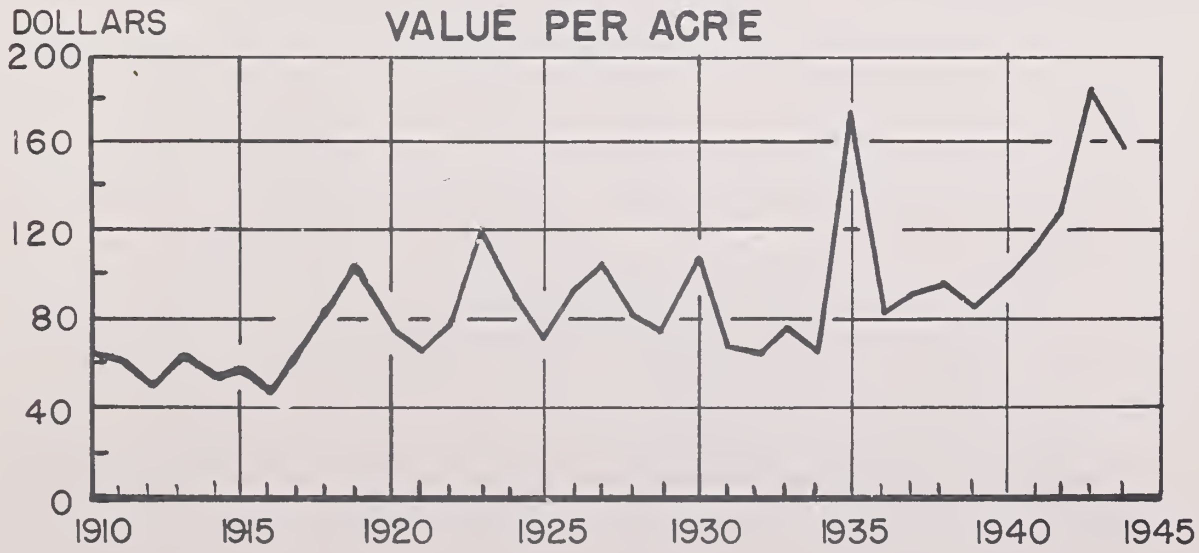
ACREAGE



TONS PER ACRE



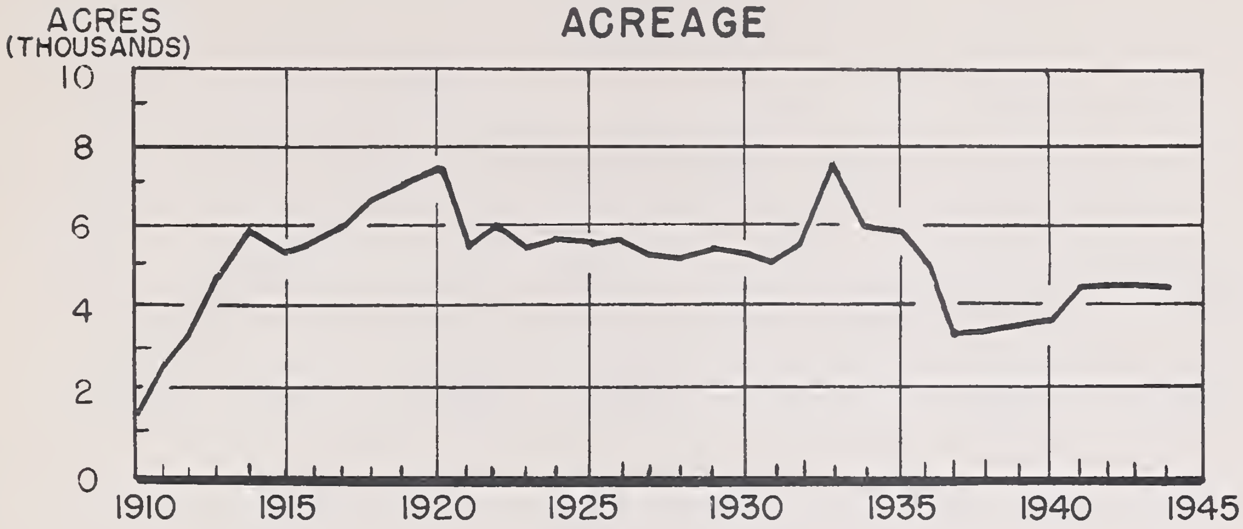
VALUE PER ACRE



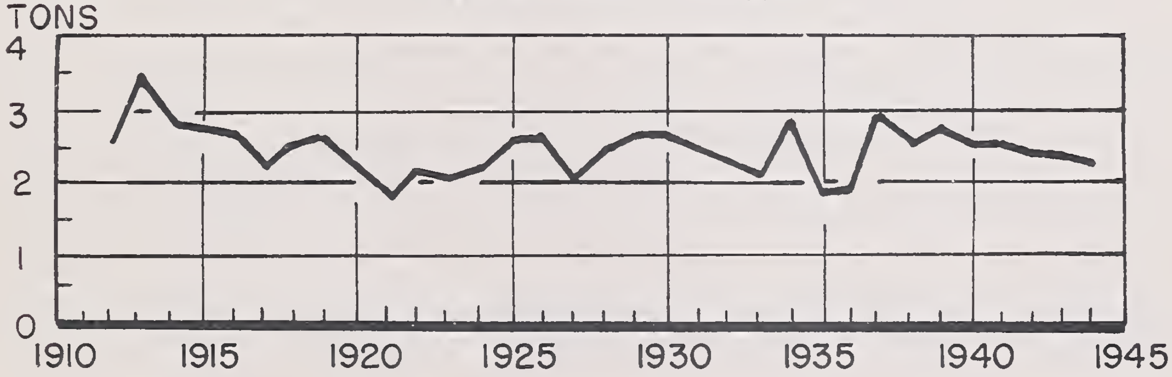
DATA FROM BUREAU OF RECLAMATION

FIGURE 9: ALFALFA HAY
ACREAGE, PRODUCTION AND VALUE
1910-1944
HUNTLEY IRRIGATION PROJECT

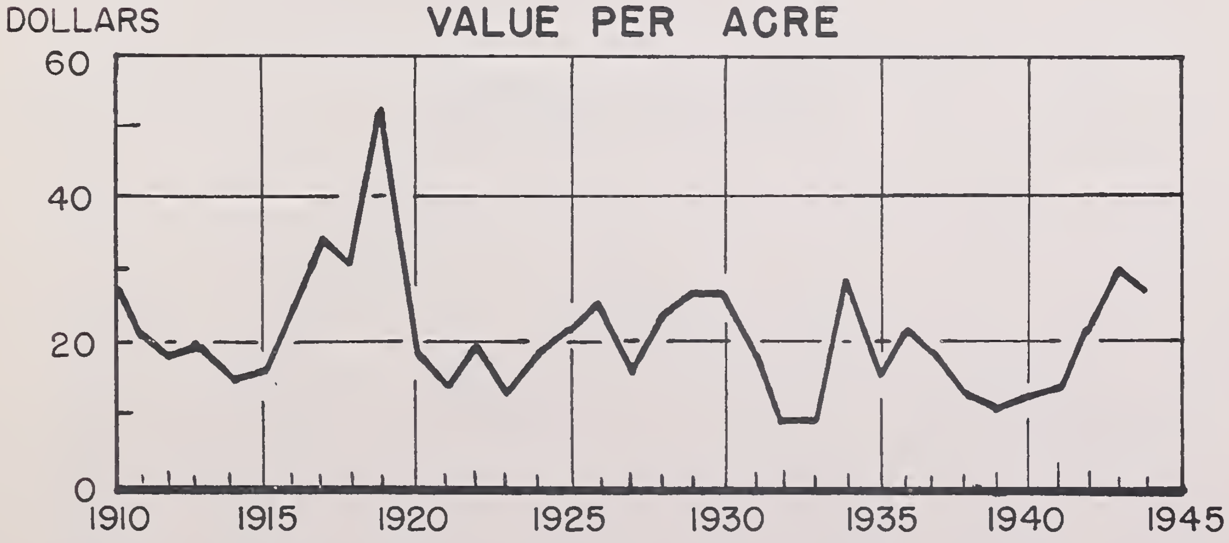
ACREAGE



TONS PER ACRE



VALUE PER ACRE

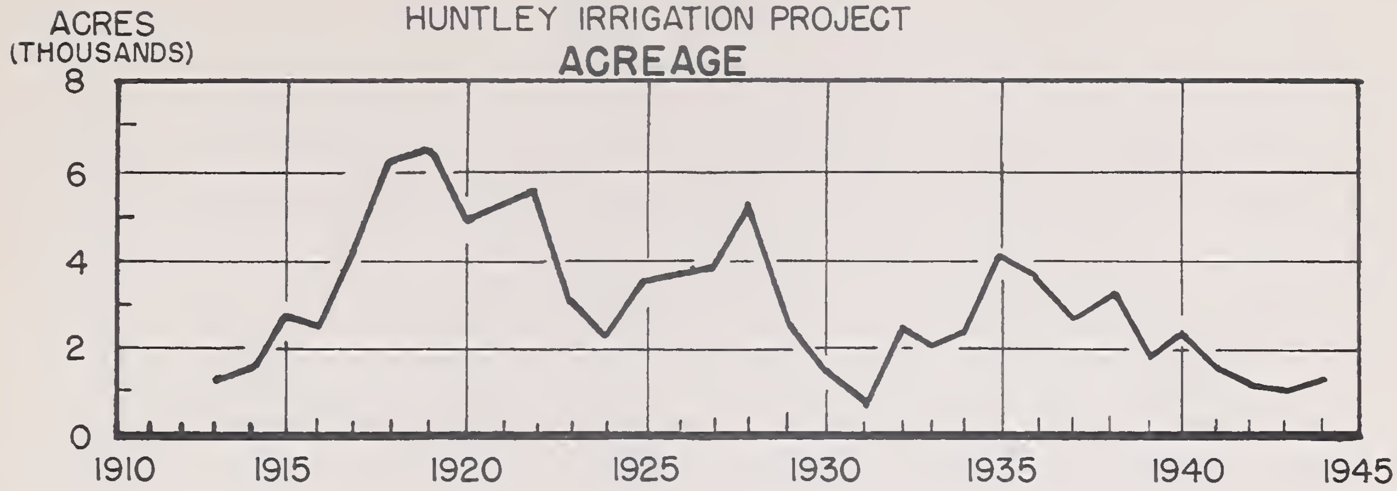


DATA FROM BUREAU OF RECLAMATION

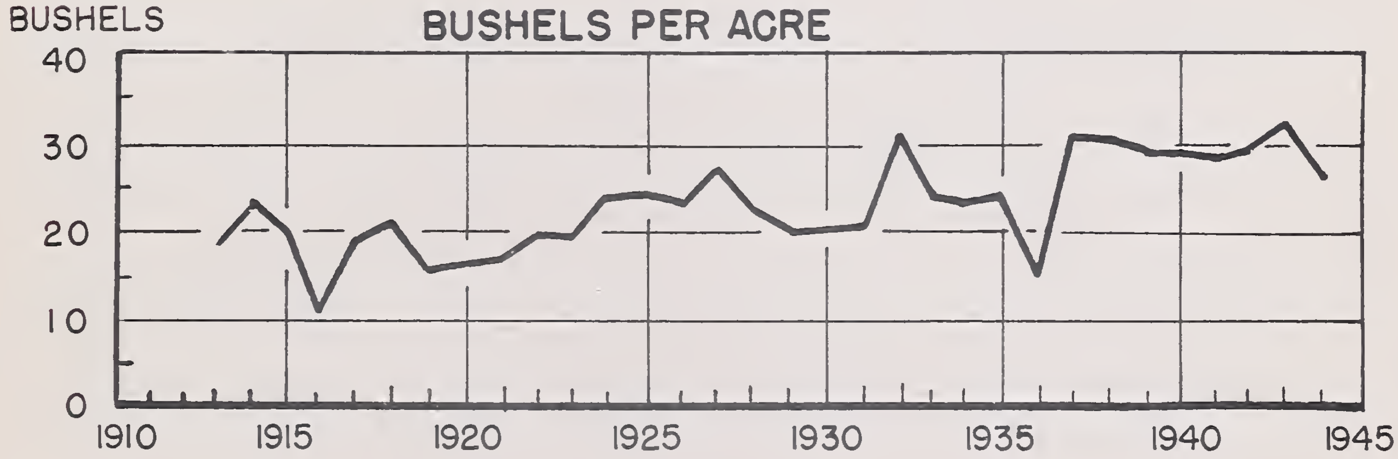
U.S. DEPARTMENT OF AGRICULTURE BUREAU OF AGRICULTURAL ECONOMICS

FIGURE 10: WHEAT
ACREAGE, PRODUCTION
AND VALUE
1913–1944
HUNTLEY IRRIGATION PROJECT

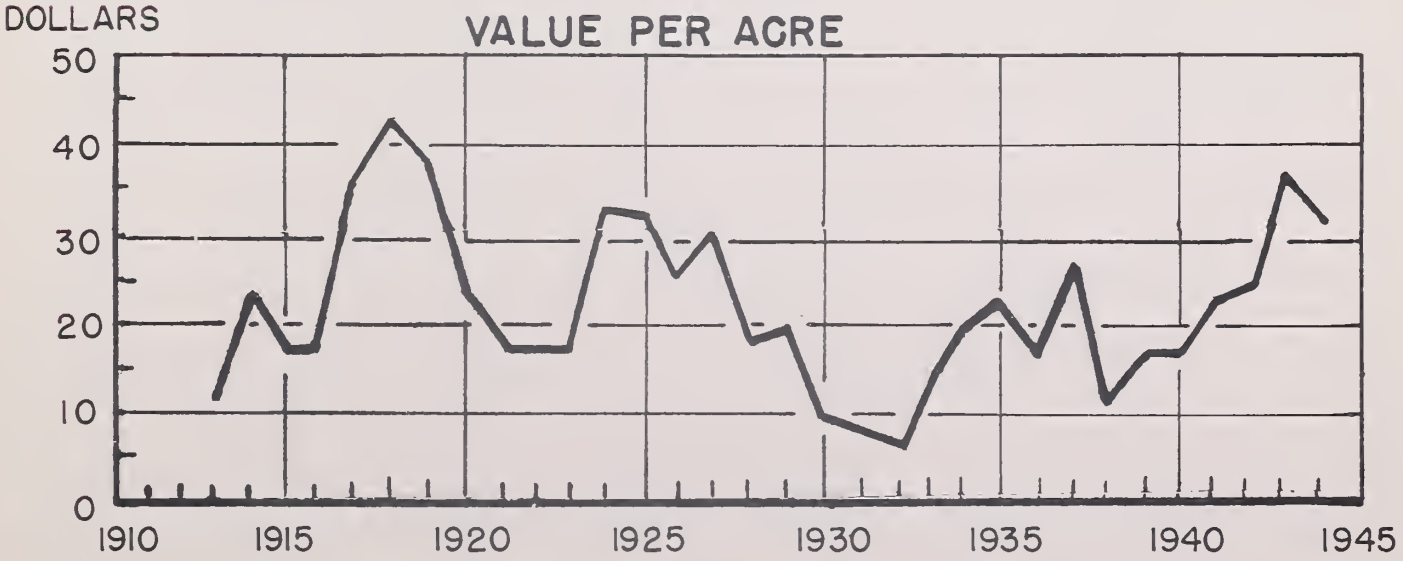
ACREAGE



BUSHELS PER ACRE



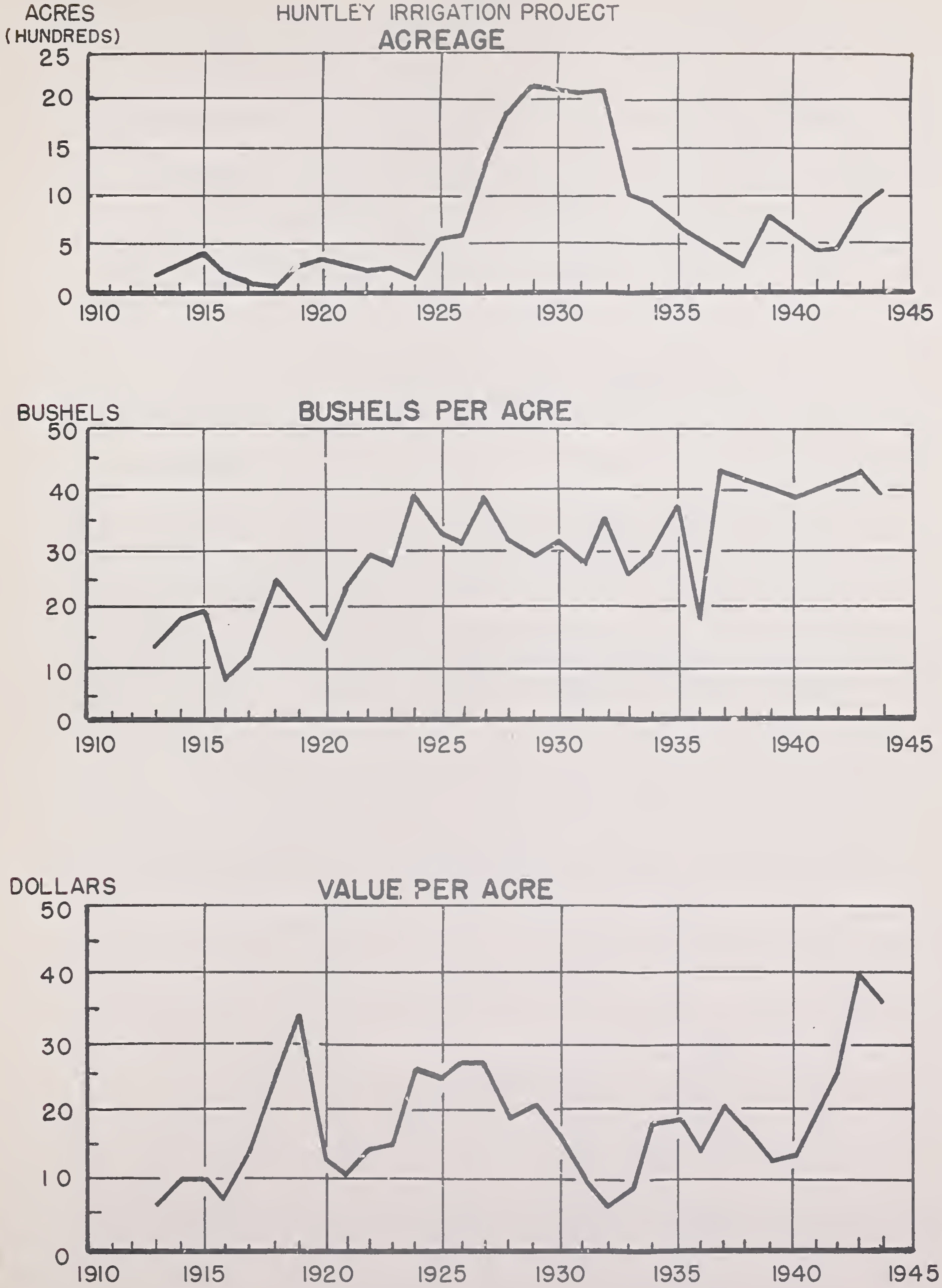
VALUE PER ACRE



DATA FROM BUREAU OF RECLAMATION

FIGURE 11: BARLEY

ACREAGE, PRODUCTION AND VALUE
1913 - 1944
HUNTLEY IRRIGATION PROJECT

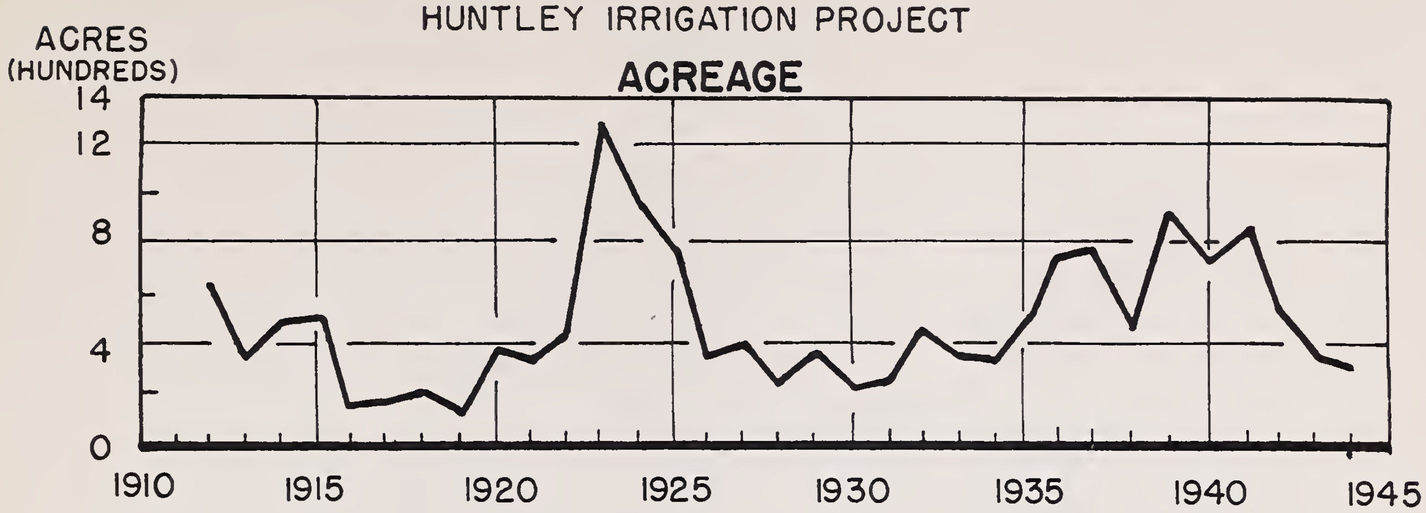


DATA FROM BUREAU OF RECLAMATION

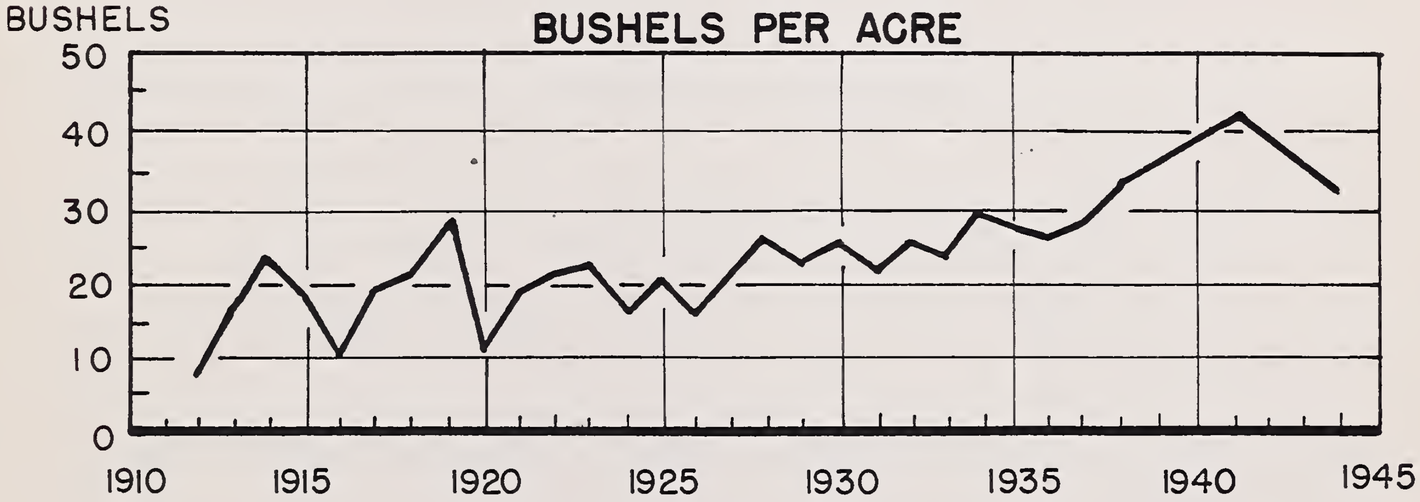
FIGURE 12: CORN
ACREAGE, PRODUCTION AND VALUE
1912 - 1944

HUNTLEY IRRIGATION PROJECT

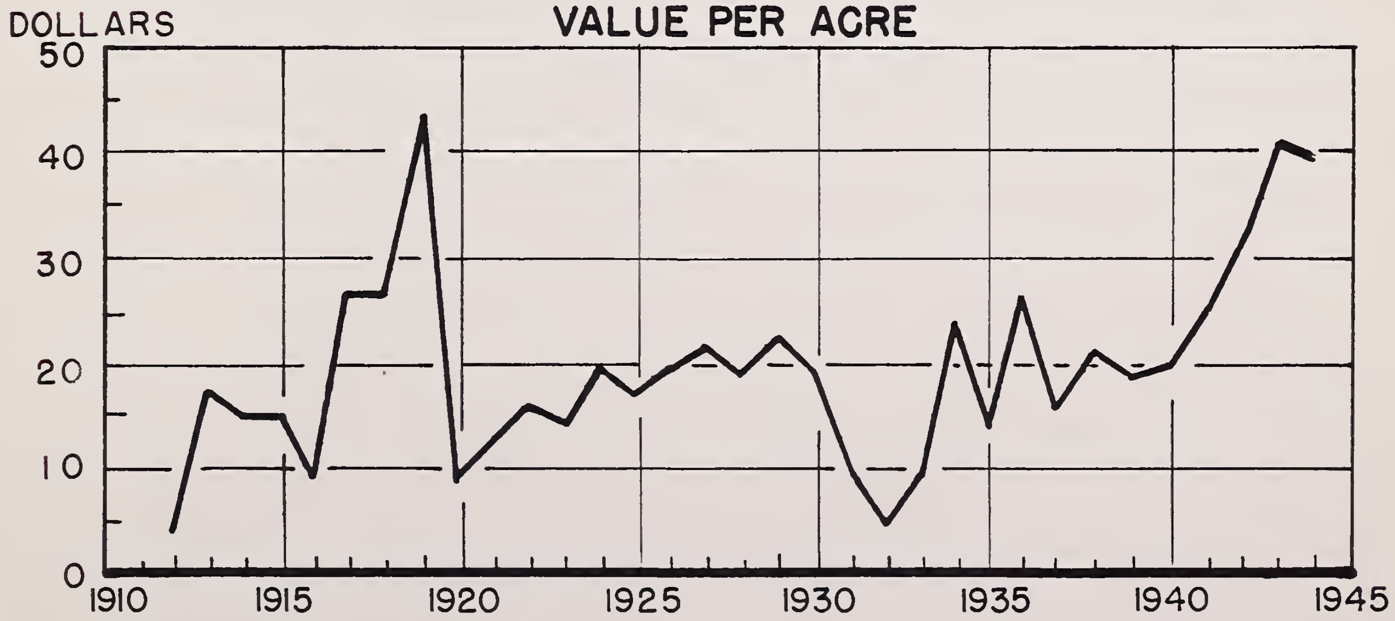
ACREAGE



BUSHELS PER ACRE

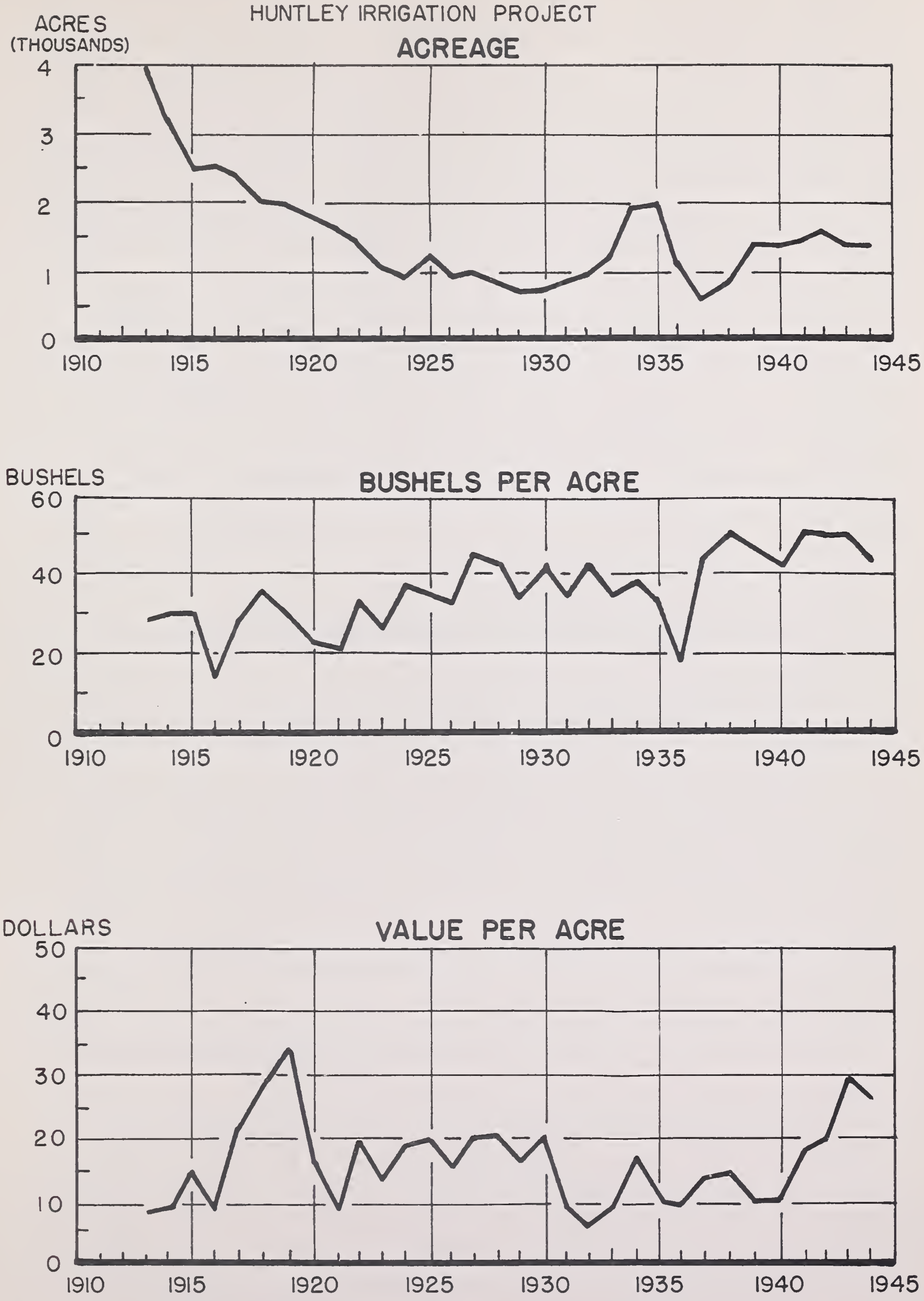


VALUE PER ACRE



DATA FROM BUREAU OF RECLAMATION

FIGURE 13: OATS
ACREAGE, PRODUCTION AND VALUE
1913 - 1944



DATA FROM BUREAU OF RECLAMATION

Table 1.- Use made of the irrigable acreage, Huntley Irrigation Project, 1909-44

Year	Irrigable acreage 1/																			
	Total		Irrigated						Not irrigated											
			Total		Harvested 2/		Not harvested 3/		Total		Dry farmed		Idle		Temporarily suspended 4/		Buildings, yards, roads	
	1,000 acres	Percent	1,000 acres	Percent	1,000 acres	Percent	1,000 acres	Percent	1,000 acres	Percent	1,000 acres	Percent	1,000 acres	Percent	1,000 acres	Percent	1,000 acres	Percent
1944	33	100	24	74	24	74	0	0	9	26	1	2	3	10	2	5	3	9
1943	33	100	24	73	24	73	0	0	9	27	1	2	3	9	2	6	3	10
1942	33	100	24	72	24	72	0	0	9	28	8/	1	6/ 3	10	6/ 2	5	6/ 4	12
1941	33	100	24	73	24	73	0	0	9	27	8/	1	6/ 3	10	6/ 2	5	6/ 4	11
1940	33	100	23	72	23	72	0	0	9	28	8/	1	6/ 3	11	6/ 2	5	6/ 4	11
1939	33	100	23	71	23	71	0	0	9	29	8/	1	4	12	2	5	4	11
1938	33	100	23	71	23	71	0	0	9	29	8/	1	3	11	2	6	3	11
1937	33	100	24	72	24	72	0	0	9	28	8/	1	4	11	2	8	3	8
1936	33	100	24	74	23	71	1	3	9	26	0	0	5	16	8/	2	3	8
1935	33	100	24	73	24	73	0	0	9	27	1	3	6	17	0	0	2	7
1934	33	100	24	74	24	74	0	0	9	26								
1933	33	100	24	75	24	75	0	0	8	25								
1932	33	100	24	73	24	73	0	0	9	27			(Data not available prior to 1935)					
1931	33	100	23	71	23	71	0	0	9	29								
1930	33	100	23	72	23	72	0	0	9	28								
1929	33	100	23	72	23	72	0	0	9	28								
1928	33	100	23	70	23	70	0	0	10	30								
1927	33	100	21	64	20	63	8/	1	12	36								
1926	33	100	20	61	20	61	0	0	13	39								
1925	33	100	19	58	19	58	0	0	14	42								
1924	33	100	20	60	20	60	0	0	13	40								
1923	32	100	19	59	19	59	0	0	13	41								
1922	32	100	20	61	20	61	0	0	12	39								
1921	32	100	19	59	18	58	8/	1	13	41								
1920	32	100	20	62	19	61	5/ 1	1	12	38								
1919	31	100	19	62	19	61	8/	1	12	38								
1918	31	100	19	61	19	61	0	0	12	39								
1917	32	100	19	59	19	59	8/	0	13	41								
1916	32	100	19	58	19	58	8/	0	14	42								
1915	31	100	18	59	18	59	8/	0	13	41								
1914	29	100	17	59	17	59	0	0	12	41								
1913	29	100	16	55	16	55	0	0	13	45								
1912	29	100	14	50	13	46	1	4	14	50								
1911	29	100	12	42	11	39	1	3	17	58								
1910	29	100	8	28	7	24	1	4	21	72								
1909	29	100	6	21	7/	0	7/	0	23	79								

1/ Acreage for which Bureau of Reclamation was prepared to supply water. Irrigable acreages for the years 1933 to 1944 are taken from the project "General Summary of Operation and Maintenance Results" and exceed the irrigable acreage reported by the Commissioner by amounts as follows: 4,593 acres in 1933; 3,583 acres in 1934; 3,067 acres in 1935; 2,287 acres in 1936; 3,039 acres in each of the years 1937, 1938 and 1939; 2,917 acres in 1940 and 1941; 2,918 acres in each of the years 1942, 1943 and 1944. Similar quantities were added to the "total area not irrigated" and, where shown, to the "idle" acreage.

2/ Harvested crops plus pasture. Temporarily suspended irrigated land included as follows: 7,213 acres in 1944; 7,263 in 1943; 7,063 in 1942; 7,162 in 1941; 6,934 in 1940; 6,725 in 1939; 6,863 in 1938; 6,863 in 1937.

3/ Land from which no crop was harvested such as fallow and hail-damaged crops.

4/ Temporarily suspended from the acreage upon which water charges are levied.

5/ Included in net area in cultivation.

6/ Estimated.

7/ Data not available.

8/ Less than 500 acres.

Table 2.- Use made of the net area in cultivation, Huntley Irrigation Project, 1910-44

Year	Net area in cultivation 1/									
	Total		Cereal grains		Hay & forage		Sugar beets		Other crops 2/	
	1,000 acres	Percent	1,000 acres	Percent	1,000 acres	Percent	1,000 acres	Percent	1,000 acres	Percent
1944	3/ 17	100	4	24	6	35	3	17	4	24
1943	3/ 17	100	4	21	5	31	3	18	5	30
1942	3/ 17	100	4	22	5	30	4	24	4	24
1941	3/ 17	100	4	26	4	24	3	21	5	29
1940	3/ 17	100	5	30	3	16	4	24	5	30
1939	3/ 17	100	5	31	4	23	4	25	3	21
1938	3/ 17	100	5	31	5	30	4	25	2	14
1937	3/ 17	100	5	29	5	29	4	25	3	17
1936	23	100	6	28	10	44	5	21	2	7
1935	24	100	8	32	10	42	2	7	5	19
1934	24	100	6	24	10	43	6	23	2	10
1933	24	100	5	20	11	44	6	26	2	10
1932	24	100	6	26	11	46	6	24	1	4
1931	23	100	4	17	10	44	6	24	3	15
1930	23	100	5	20	10	42	5	21	4	17
1929	23	100	6	26	9	37	4	18	5	19
1928	3/ 23	100	8	36	8	33	3	12	4	19
1927	20	100	7	33	8	37	5	22	1	8
1926	20	100	6	29	8	40	5	24	1	7
1925	3/ 19	100	6	33	7	35	4	23	2	9
1924	20	100	4	22	4	22	6	30	5	26
1923	19	100	6	31	8	42	5	25	4/	2
1922	20	100	8	40	8	41	3	16	1	3
1921	18	100	8	42	7	38	3	15	1	5
1920	20	100	8	38	10	48	2	12	1	2
1919	19	100	9	46	8	44	1	6	1	4
1918	19	100	9	45	8	42	2	10	1	3
1917	19	100	7	37	8	42	3	18	1	3
1916	19	100	6	31	7	39	5	28	4/	2
1915	18	100	6	35	6	34	5	30	4/	1
1914	17	100	6	34	6	38	4	25	1	3
1913	16	100	6	36	5	33	4	28	4/	3
1912	13	100	4	30	4	30	5	35	1	5
1911	11	100	4	34	4	36	3	28	4/	2
1910	7	100	4	54	1	22	1	20	4/	4
Average 1930-44	20	100	5	25	7	36	4	22	3	17
1910-44	19	100	6	30	7	37	4	21	2	12

1/ Net area in cultivation includes all land from which crops were harvested, fallow or fall plowed land, and land irrigated for pasture. It may include cropland that was not irrigated during the crop year.

2/ For example, in 1944 this item is composed of 832 acres alfalfa seed, 838 acres seed beans, 967 acres seed peas, 623 acres fallowed land, 389 acres soil building crops and 543 acres miscellaneous crops.

3/ Dry farmed land included as follows: 293 acres in 1944; 307 acres in 1943; 419 acres in 1942; 417 acres in 1941; 261 acres in 1940; 208 acres in 1939; 214 acres in 1938; 39 acres in 1937; 1,289 acres in 1928 and 370 acres in 1925.

4/ Less than 500 acres.

Table 3.- Gross value of cereal grains, hay and forage, sugar beets and other crops, Huntley Irrigation Project, 1910-44 1/

Year	All crops		Cereal grains		Hay & forage		Sugar beets		Other crops 2/	
	1,000 dollars	Percent	1,000 dollars	Percent	1,000 dollars	Percent	1,000 dollars	Percent	1,000 dollars	Percent
1944	975	100	130	13	172	18	451	46	222	23
1943	1,136	100	128	11	181	16	555	49	271	24
1942	912	100	91	10	142	16	532	58	147	16
1941	696	100	95	14	96	14	399	57	105	15
1940	687	100	76	11	88	13	404	59	120	17
1939	610	100	76	12	77	13	358	59	100	16
1938	673	100	73	11	79	12	415	61	106	16
1937	724	100	110	15	115	16	396	55	104	14
1936	778	100	106	14	207	27	381	49	84	10
1935	703	100	141	20	170	24	279	40	113	16
1934	817	100	108	13	245	30	373	46	91	11
1933	734	100	55	8	117	16	498	68	64	8
1932	503	100	38	8	79	16	370	73	16	3
1931	505	100	37	7	136	27	284	56	48	10
1930	1,111	100	70	6	205	18	557	50	279	25
1929	1,037	100	121	12	224	22	351	33	341	33
1928	771	100	155	20	164	21	221	29	231	30
1927	879	100	191	22	135	15	473	54	80	9
1926	839	100	139	17	188	22	448	53	63	8
1925	745	100	172	23	172	23	322	43	78	11
1924	828	100	114	14	149	18	530	64	35	4
1923	784	100	89	11	119	15	560	72	16	2
1922	573	100	137	24	152	26	244	43	39	7
1921	441	100	116	26	108	24	183	42	33	8
1920	544	100	155	29	182	33	178	33	29	5
1919	949	100	329	35	452	48	120	12	48	5
1918	751	100	334	44	221	29	163	22	33	5
1917	691	100	218	32	227	33	208	30	37	5
1916	489	100	73	15	143	29	256	52	17	4
1915	535	100	98	18	98	18	319	60	20	4
1914	455	100	80	18	93	21	246	54	35	7
1913	465	100	58	12	99	22	273	59	35	7
1912	360	100	38	11	70	19	232	64	21	6
1911	317	100	55	17	66	21	183	58	13	4
1910	188	100	43	23	40	21	87	47	17	9
Average 1930-44	771	100	89	12	141	18	417	54	125	16
1910-44	691	100	116	17	149	22	339	48	88	13

1/ For the period 1936 to 44 inclusive, government payments were divided between "Sugar beets" and "Miscellaneous crops". The value of beet tops is included with "Hay and forage". Agricultural conservation payments and factory bonuses were credited to the year in which payment was received.

2/ Such as seed, gardens, truck and fruit.

Table 4.- Gross value per acre of cereal grains, hay and forage, sugar beets and other crops, Huntley Irrigation Project, 1910-44

Year	All crops	Cereal grains	Hay & forage	Sugar beets	Other crops [1]
	Dollars	Dollars	Dollars	Dollars	Dollars
1944	57	32	29	159	53
1943	67	35	34	187	54
1942	54	24	28	132	36
1941	41	22	24	115	21
1940	41	15	33	100	23
1939	37	15	20	86	29
1938	41	14	16	98	48
1937	43	23	23	93	38
1936	33	17	21	81	44
1935	30	19	17	177	25
1934	34	19	24	67	41
1933	30	11	11	78	28
1932	21	6	7	64	20
1931	22	9	13	69	15
1930	47	15	21	106	69
1929	44	20	26	82	75
1928	34	19	22	82	55
1927	43	28	18	103	54
1926	42	24	24	94	48
1925	39	27	25	72	44
1924	42	27	35	89	7
1923	42	15	15	121	35
1922	29	17	19	79	70
1921	24	15	15	65	40
1920	27	21	19	76	56
1919	49	37	54	106	68
1918	39	39	28	83	49
1917	36	31	28	62	57
1916	26	13	20	49	41
1915	29	16	16	59	60
1914	27	14	14	58	61
1913	29	10	19	61	72
1912	27	9	17	50	33
1911	29	15	16	60	49
1910	28	12	27	62	60
Average					
1930-44	39	18	19	97	37
1910-44	37	20	21	85	40

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[1] Includes such crops as seeds, gardens, truck and fruit.

Table 5.- Sugar beets: Acreage, production and value, Huntley Irrigation Project, 1910-44

Year	Acreage	Production		Value 2/		
		Total	Per acre	Per ton	Total	Per acre
	Acres	1,000 tons	Tons	Dollars	1,000 dollars	Dollars
1944	2,839	34	11.9	13.38	451	159
1943	2,964	33	11.2	16.72	555	187
1942	4,016	58	14.4	9.23	532	132
1941	3,472	49	14.2	8.11	399	115
1940	4,024	58	14.5	6.91	404	100
1939	4,179	53	12.7	6.76	358	86
1938	4,230	58	13.8	7.11	415	98
1937	4,264	59	13.9	6.68	396	93
1936	4,730	62	13.2	6.12	381	81
1935	1,582	19	12.1	14.66	279	177
1934	5,611	63	11.3	5.88	373	67
1933	6,386	95	14.9	5.25	498	78
1932	5,771	82	14.2	4.50	370	64
1931	5,555	64	11.5	6.00	284	69
1930	4,988	70	14.1	7.50	557	106
1929	4,297	47	10.9	7.50	351	82
1928	2,685	29	11.0	7.50	221	82
1927	4,587	56	12.1	8.50	473	103
1926	4,767	53	11.1	8.50	448	94
1925	4,456	50	11.1	6.50	322	72
1924	5,929	59	9.9	9.00	530	89
1923	4,630	62	13.4	9.00	560	121
1922	3,106	35	11.2	7.00	244	79
1921	2,839	27	9.5	6.79	183	65
1920	2,330	15	6.4	12.00	178	76
1919	1,230	12	10.6	10.00	120	106
1918	1,963	16	8.3	10.00	163	83
1917	3,366	29	8.5	7.27	208	62
1916	5,264	42	8.0	6.08	256	49
1915	5,402	54	10.0	5.92	319	59
1914	4,274	41	10.0	6.00	246	58
1913	4,475	46	10.2	6.00	273	61
1912	4,660	39	8.3	6.00	232	50
1911	3,062	1/	1/	1/	183	60
1910	1,400	1/	1/	1/	87	62
Average						
1930-44	4,307	57	13.3	7.28	417	97
1912-44	4,087	48	11.6	7.38	351	86

1/ Data not available 2/ High value in 1935 due to large bonus earned in 1934. See footnote 1, table 3.

Table 6.- Alfalfa hay: Acreage, production and value,
Huntley Irrigation Project, 1910-44

Year	Acreage	Production		Value		
		Total	Per acre	Per ton	Total	Per acre
	Acres	1,000 tons	Tons	Dollars	1,000 dollars	Dollars
1944	4,418	10	2.3	12.00	120	27
1943	4,496	11	2.4	12.00	129	29
1942	4,500	11	2.4	9.00	97	22
1941	4,400	12	2.6	5.50	63	14
1940	3,616	9	2.6	5.00	46	13
1939	3,570	10	2.8	4.00	40	11
1938	3,435	9	2.6	5.00	44	13
1937	3,328	10	2.9	6.00	58	18
1936	5,187	10	1.9	11.00	109	21
1935	5,956	11	1.8	9.00	96	16
1934	6,021	18	2.9	10.00	177	29
1933	7,624	16	2.1	4.50	71	9
1932	5,793	13	2.3	4.00	53	9
1931	5,067	13	2.5	7.00	89	18
1930	5,188	14	2.7	10.00	141	27
1929	5,411	14	2.7	10.00	144	27
1928	5,155	13	2.5	9.00	116	23
1927	5,273	11	2.0	8.00	87	16
1926	5,746	16	2.7	9.01	142	25
1925	5,578	15	2.7	10.87	117	21
1924	5,724	14	2.3	7.97	108	19
1923	5,463	11	2.1	6.05	69	13
1922	6,167	14	2.3	8.48	120	19
1921	5,538	10	1.7	7.98	76	14
1920	7,468	17	2.3	7.90	134	18
1919	7,045	19	2.7	19.66	368	52
1918	6,766	17	2.6	11.99	207	31
1917	6,002	14	2.3	14.70	207	34
1916	5,422	14	2.7	8.95	129	24
1915	5,287	15	2.8	5.76	86	16
1914	6,038	17	2.9	5.00	87	14
1913	4,848	17	3.5	5.50	92	19
1912	3,221	8	2.6	7.00	59	18
1911	2,678	1/	1/	1/	57	21
1910	1,468	1/	1/	1/	40	27
Average 1930-44	4,839	12	2.4	7.62	89	18
1912-44	5,295	13	2.5	8.76	115	22

1/ Data not available

Table 7.- Wheat: Acreage, production and value, Huntley Irrigation Project, 1913-44

Year	Acreage	Production		Value		
		Total	Per acre	Per bushel	Total	Per acre
	Acres	1,000 bushels	Bushels	Dollars	1,000 dollars	Dollars
1944	1,302	34	26.0	1.20	41	32
1943	1,077	35	32.7	1.12	39	37
1942	1,154	34	29.8	.85	29	25
1941	1,663	48	29.1	.80	39	23
1940	2,305	68	29.5	.57	39	17
1939	1,954	58	29.5	.57	33	17
1938	3,346	102	30.4	.40	41	12
1937	2,887	90	31.3	.85	77	27
1936	3,847	58	15.0	1.15	66	17
1935	4,211	103	24.4	.95	98	23
1934	2,426	57	23.6	.86	49	20
1933	2,192	53	24.4	.60	32	15
1932	2,548	79	31.1	.20	16	6
1931	763	16	21.2	.40	6	8
1930	1,455	30	20.3	.50	15	10
1929	2,552	51	20.0	1.00	51	20
1928	5,324	121	22.6	.80	96	18
1927	3,989	106	26.7	1.15	122	31
1926	3,858	89	23.1	1.13	101	26
1925	3,701	90	24.4	1.33	120	32
1924	2,212	53	24.1	1.35	72	33
1923	3,075	59	19.3	.86	51	17
1922	5,793	115	19.9	.87	100	17
1921	5,469	94	17.1	1.01	95	17
1920	5,098	84	16.4	1.44	120	24
1919	6,518	103	15.8	2.37	244	38
1918	6,306	138	21.9	1.94	269	43
1917	4,330	83	19.3	1.88	157	36
1916	2,624	31	11.9	1.46	46	17
1915	2,869	57	19.8	.87	49	17
1914	1,671	39	23.0	.98	38	23
1913	1,224	22	18.0	.66	14	12
Average 1930-44	2,208	58	26.1	.72	41	19
1913-44	3,116	69	22.1	1.07	74	24

Table 8.- Barley: Acreage, production and value, Huntley Irrigation Project, 1913-44

Year	Acreage	Production		Value		
		Total	Per acre	Per bushel	Total	Per acre
	Acres	1,000 bushels	Bushels	Dollars	1,000 dollars	Dollars
1944	1,072	43	40.0	.91	39	36
1943	812	36	43.9	.91	32	40
1942	449	19	42.3	.60	11	25
1941	453	18	40.7	.48	9	20
1940	537	21	39.7	.36	8	14
1939	791	33	41.8	.30	10	13
1938	558	23	42.1	.40	9	17
1937	478	21	44.6	.48	10	21
1936	513	9	18.0	.80	7	14
1935	726	27	37.1	.48	13	18
1934	926	27	29.7	.60	16	18
1933	1,011	26	26.0	.30	8	8
1932	2,213	78	35.1	.17	13	6
1931	2,169	59	27.3	.36	21	10
1930	2,200	69	31.5	.50	35	16
1929	2,332	69	29.6	.70	48	21
1928	1,870	60	32.2	.60	36	19
1927	1,397	55	39.2	.70	38	27
1926	570	18	31.8	.84	15	27
1925	553	18	32.8	.74	13	24
1924	222	9	40.0	.65	6	26
1923	264	7	27.6	.53	4	15
1922	223	7	29.5	.48	3	14
1921	247	6	23.9	.46	3	11
1920	324	5	14.8	.89	4	13
1919	267	5	20.1	1.68	9	34
1918	75	2	25.1	.98	2	25
1917	109	1	12.0	1.20	2	14
1916	299	2	7.5	.92	2	7
1915	415	8	19.8	.53	4	10
1914	363	7	18.0	.53	4	10
1913	191	3	13.3	.48	1	6
Average						
1930-44	993	34	34.3	.47	16	16
1913-44	769	25	32.2	.55	14	18

Table 9.- Corn: Acreage, production and value, Huntley Irrigation Project, 1912-44

Year	Acreage	Production		Value		
		Total	Per acre	Per bushel	Total	Per acre
	Acres	1,000 bushels	Bushels	Dollars	1,000 dollars	Dollars
1944	314	10	33.0	1.20	12	40
1943	359	13	36.9	1.12	15	41
1942	551	22	39.7	.84	18	33
1941	839	35	42.0	.62	22	26
1940	713	28	39.4	.50	14	20
1939	920	34	36.7	.50	17	18
1938	460	16	34.3	.65	10	22
1937	782	23	29.0	.56	13	16
1936	751	20	26.7	1.00	20	27
1935	537	15	27.7	.50	7	14
1934	363	11	30.0	.80	9	24
1933	375	9	24.9	.42	4	10
1932	481	12	25.6	.20	2	5
1931	242	5	22.7	.40	2	9
1930	217	6	25.8	.75	4	19
1929	362	8	23.4	1.00	8	23
1928	235	6	26.9	.70	4	19
1927	394	9	21.7	1.03	9	22
1926	369	6	16.7	1.21	7	20
1925	765	16	20.8	.80	13	17
1924	956	16	16.3	1.23	19	20
1923	1,319	30	22.8	.63	19	14
1922	425	9	21.6	.74	7	16
1921	375	7	19.5	.68	5	13
1920	392	4	11.3	.81	4	9
1919	179	5	28.2	1.53	8	43
1918	203	4	21.2	1.25	5	27
1917	186	3	18.8	1.46	5	27
1916	174	2	10.0	.86	1	9
1915	509	9	18.2	.80	7	15
1914	497	12	24.0	.62	7	15
1913	326	5	16.6	1.05	6	17
1912	644	5	7.5	.50	2	4
Average 1930-44	526	17	32.9	.66	11	22
1912-44	491	13	25.8	.89	11	23

Table 10.- Oats: Acreage, production and value, Huntley Irrigation Project, 1913-44

Year	Acreage	Production		Value		
		Total	Per acre	Per bushel	Total	Per acre
	Acres	1,000 bushels	Bushels	Dollars	1,000 dollars	Dollars
1944	1,383	61	44.0	.61	37	27
1943	1,369	69	50.6	.60	42	30
1942	1,580	80	50.4	.40	32	20
1941	1,445	74	51.0	.35	26	18
1940	1,390	61	43.8	.24	15	11
1939	1,383	66	47.8	.24	16	11
1938	844	43	50.4	.30	13	15
1937	667	30	44.8	.32	10	14
1936	1,192	22	18.7	.55	12	10
1935	1,991	65	32.8	.35	23	11
1934	1,967	74	37.4	.45	33	17
1933	1,295	46	35.7	.24	11	9
1932	995	42	42.3	.15	6	6
1931	809	28	34.8	.25	7	9
1930	772	32	41.2	.50	16	21
1929	761	26	34.7	.50	13	17
1928	834	35	42.0	.50	18	21
1927	1,014	45	44.4	.47	21	21
1926	997	34	33.9	.46	16	16
1925	1,262	45	35.8	.57	26	20
1924	912	34	37.4	.50	17	19
1923	1,118	31	27.3	.49	15	13
1922	1,434	47	32.8	.57	27	19
1921	1,630	35	21.6	.39	14	9
1920	1,764	41	23.2	.67	27	16
1919	1,977	59	29.7	1.16	68	34
1918	2,006	73	36.4	.79	58	29
1917	2,420	70	29.1	.78	55	23
1916	2,627	38	14.4	.63	24	9
1915	2,514	75	30.0	.49	37	15
1914	3,226	96	30.0	.32	31	10
1913	3,942	114	28.9	.32	36	9
Average 1930-44	1,272	53	41.6	.38	20	16
1913-44	1,547	53	34.2	.47	25	16